



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Ch

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

WM02/0104

Armstrong Westerman Hattori McLeland & N
1725 K Street NW
Suite 1000
Washington DC 20006

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/515,527	02/29/00	003	TONG, N	2632 01/02/01
First Named Applicant	ISHIKAWA, 35 USC 154(b) term ext. = 0 Days.			

TITLE OF INVENTION REAR-VIEW MONITOR FOR USE IN VEHICLES

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
3 000214	340-901.000	A09	UTILITY	NO	\$1240.00	04/02/01

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

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- B. If the status is the same, pay the FEE DUE shown above.

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- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

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III. All communications regarding this application must give application number and batch number.
Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Notice of Allowability

Application No.

09/515,527

Examiner

Nina Tong

Applicant(s)

ISHIKAWA ET AL.

Art Unit

2632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 12/08/00.
2. ☒ The allowed claim(s) is/are 1, 2 and 4.
3. ☐ The drawings filed on _____ are acceptable as formal drawings.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. ☒ Applicant MUST submit NEW FORMAL DRAWINGS
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached
 - 1) ☒ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- | | |
|--|--|
| <p>1 <input type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>3 <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) <i>(Substitute)</i></p> <p>5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____</p> <p>7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</p> | <p>2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____</p> <p>6 <input type="checkbox"/> Examiner's Amendment/Comment</p> <p>8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</p> <p>9 <input type="checkbox"/> Other</p> |
|--|--|

Aft Unit: 2632

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance:

There are no prior arts show the claimed rear-view monitor for use in vehicles, comprising:

The claimed vehicle-mounted image pickup means for picking up images of a road in the rear of one's own vehicle at every fixed time; and

The claimed detection means for detecting an overtaking vehicle by processing road images obtained by the image pickup means, wherein relative movement between one's own vehicle and the overtaking vehicle detected by the detection means is monitored, the image pickup means contain a wide-angle high resolution camera, and the detection means include:

The claimed first image processing means for processing the whole road images obtained by the image pickup means by sampling image data;

The claimed second image processing means for processing a part of road images obtained by the image pickup means without sampling image data; and

The claimed selection means for selecting either the first image processing means or the second image processing means in response to a situation of traffic.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2632

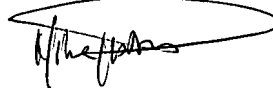
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nina Tong whose telephone number is 703-305-4831. The examiner can normally be reached on Mon-Fri. (9:30 -7:00), alternate Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Hofsass can be reached on 703-305-4717. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-6743 for regular communications and 703-308-6743 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

Nina Tong
December 28, 2000

Nina Tong
Primary Examiner
Art Unit 2632

A handwritten signature in black ink, appearing to read "Jeffrey Hofsass", is written over a horizontal line that is part of the signature block.